



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, July 18, 2017

Issued: 0800 CT

Day 1 Hazards: Marginal risk area for Isolated flooding in W NM.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Andrew Moulton
817-978-1100 x 147**

Key Points



Today – Thursday

- Marginal risk area for flash flooding across part of west/northwest New Mexico.

Friday – Saturday

- No Significant Weather Impacts expected..

Tropical Weather Outlook

- Tropical Storm Don
 - Will continue to move due westward over the next few days. It could strengthen over the next 48 hours.
 - By 72 hours out it is forecasted to run into wind shear which will cause it to weaken and dissipate with no impacts expected to any parts of mainland U.S.
- An area of disturbed weather has developed several hundred miles west-southwest of the Cabo Verde Islands
 - Formation chance through 48 hours...low...30%
 - Formation chance through 5 days...medium...40%

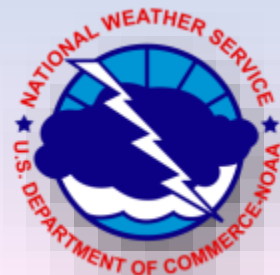
*FEMA Region 6 Threat Matrix

Jul 18, 2017 - Jul 22, 2017

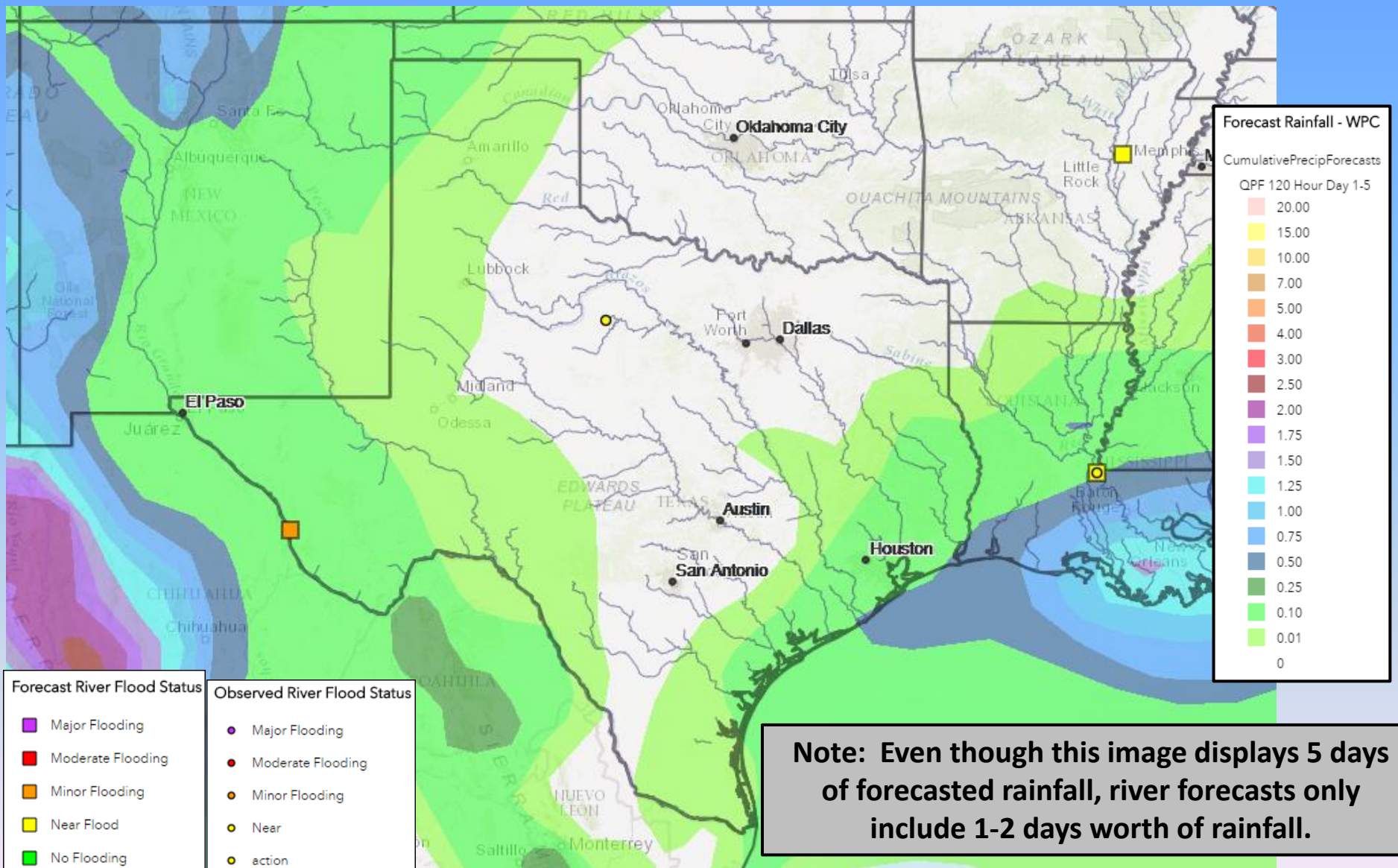
	TUE	WED	THU	FRI	SAT
Severe Weather					
Heavy Rain / Flash Flooding	W NM	W NM	W NM		
Heat					
River Flooding					
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.

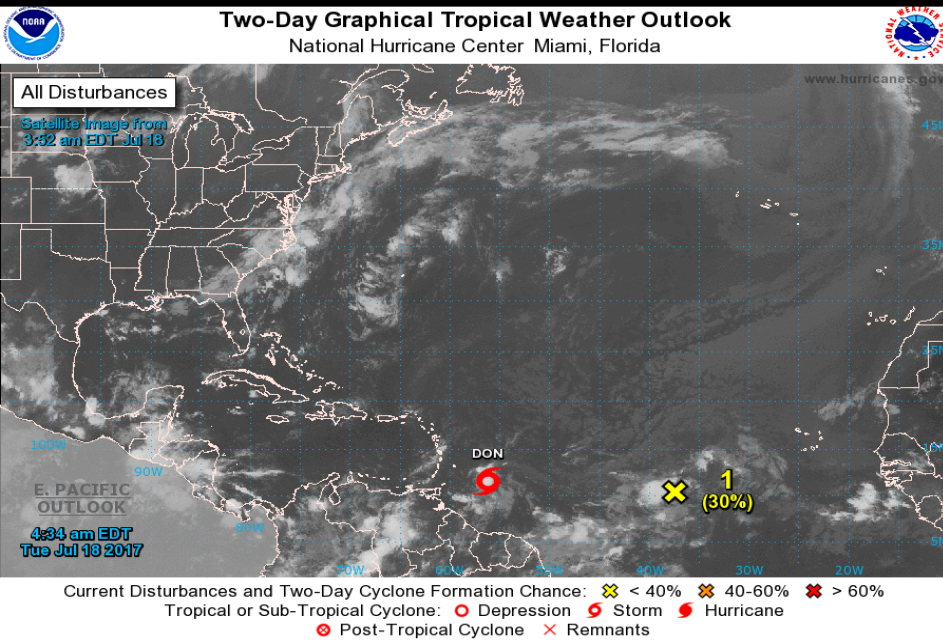


5-Day Precipitation Forecast & River Flood Status



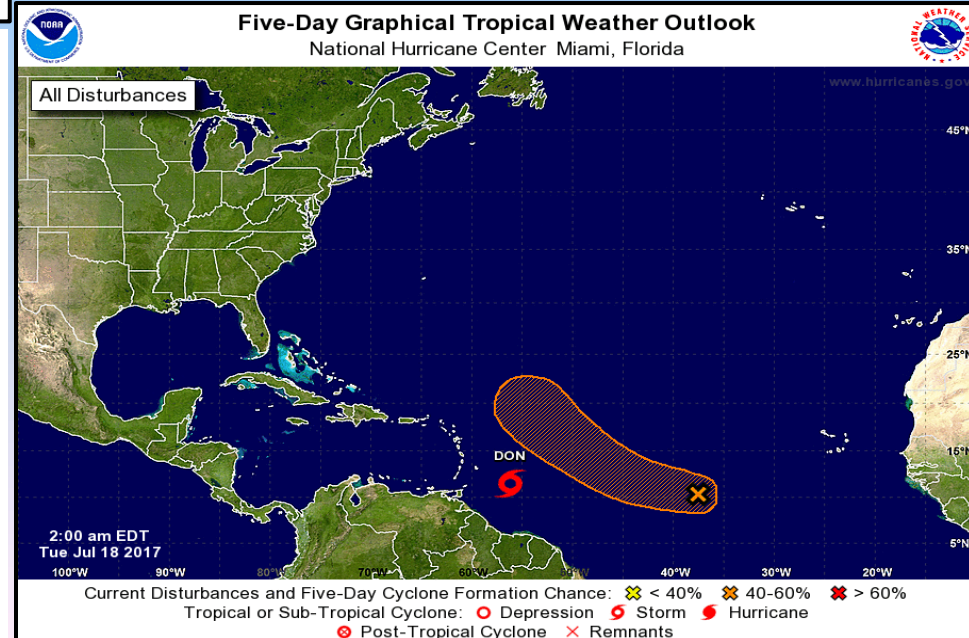
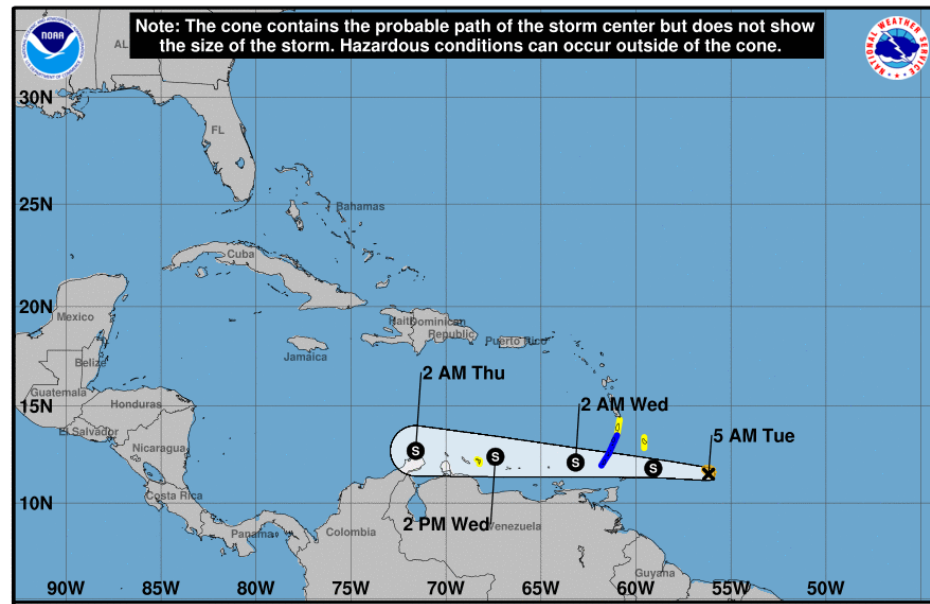
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

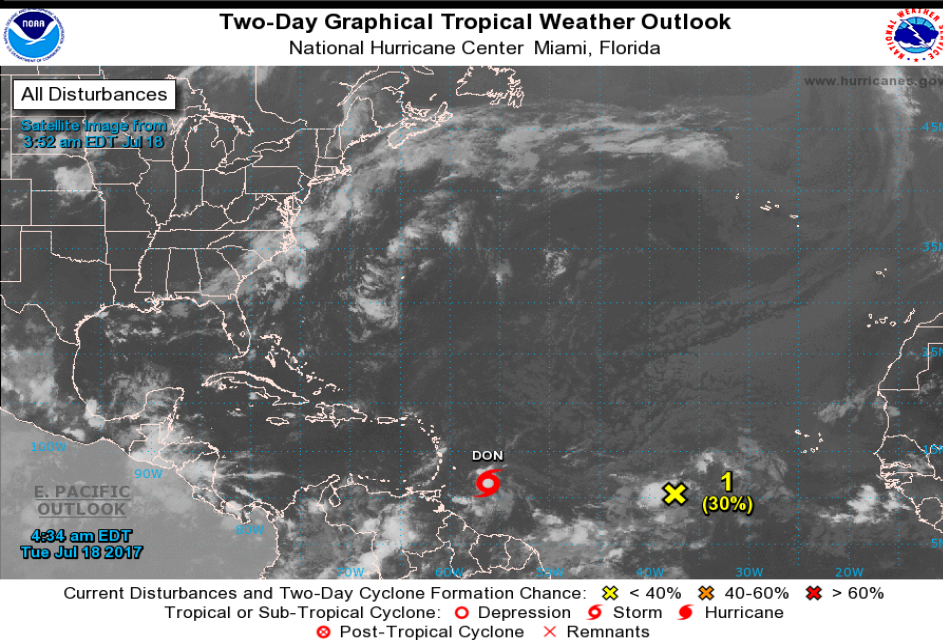


Tropical Storm Don is showing surface winds of 50 mph as it moves westward at 15-20 mph. Don is forecasted to continue moving westward over the next couple of days, during which it may strengthen slightly.

Don is forecasted to run into vertical wind shear in 1-2 days which will weaken this storm. By 72 hours it is forecasted to dissipate with no impacts to any part of the mainland U.S.



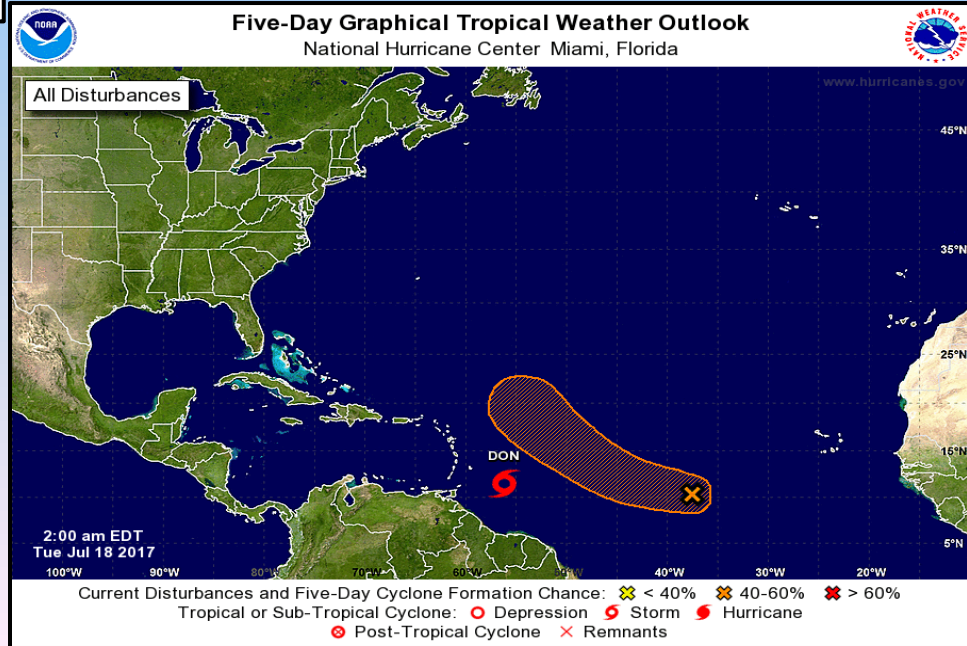
Tropical Weather Outlook



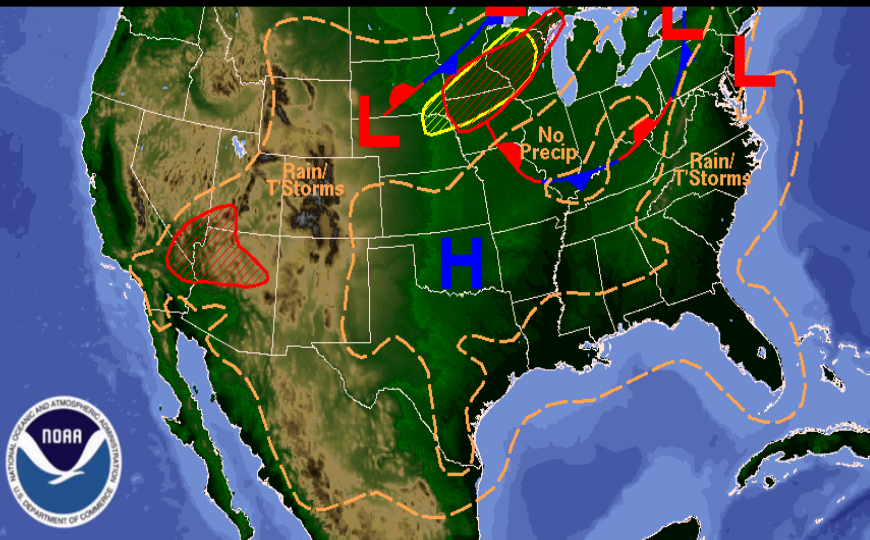
An area of disturbed weather has developed several hundred miles west-southwest of the Cabo Verde Islands. Some development of this system is possible over the next several days.

Formation chance through
48 hours...low...30%.

Formation chance through
5 days...medium...40%.



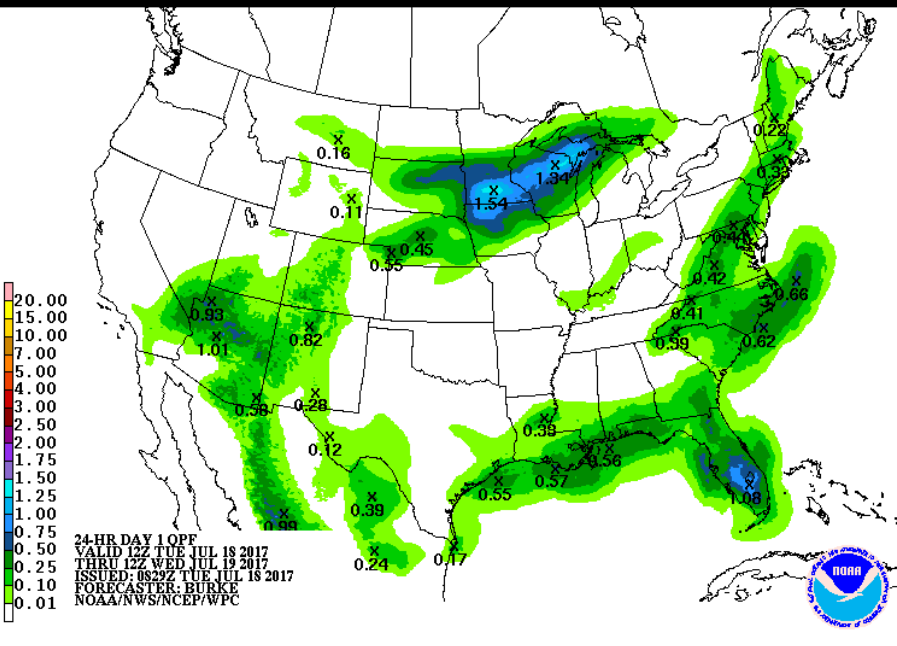
Today's Weather



Day 1 National Forecast Chart

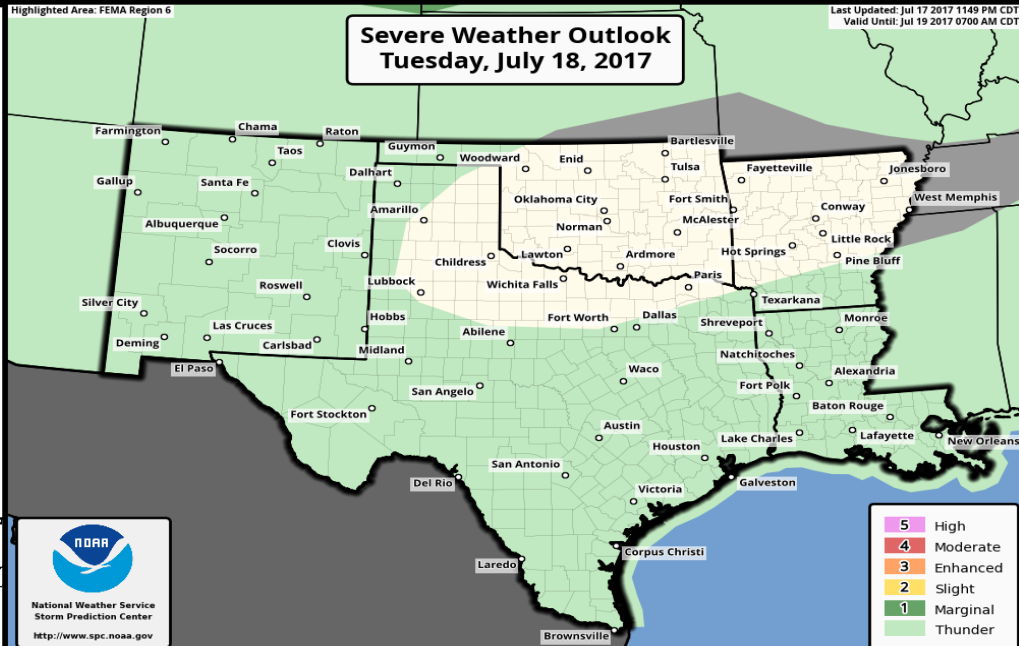
Valid Tue, Jul 18, 2017, issued 4:46 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 1 OUTFLOW
 VALID 12Z TUE JUL 18 2017
 THRU 12Z WED JUL 19 2017
 ISSUED: 0630Z TUE JUL 18 2017
 FORECASTER: BURKE
 NOAA/NWS/NCEP/WPC

Marginal risk for isolated flooding in W NM



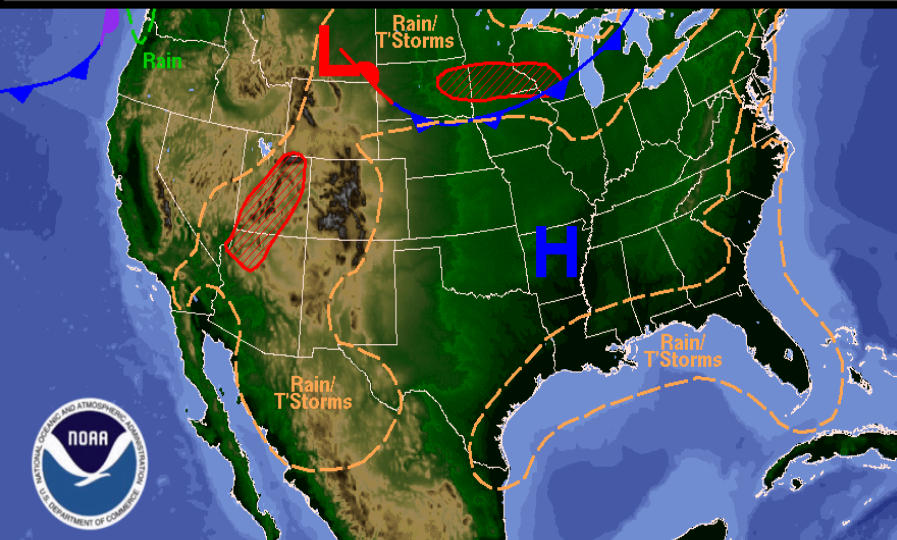
Severe Weather Outlook
 Tuesday, July 18, 2017

Last Updated: Jul 17 2017 1149 PM CDT
 Valid Until: Jul 19 2017 0700 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

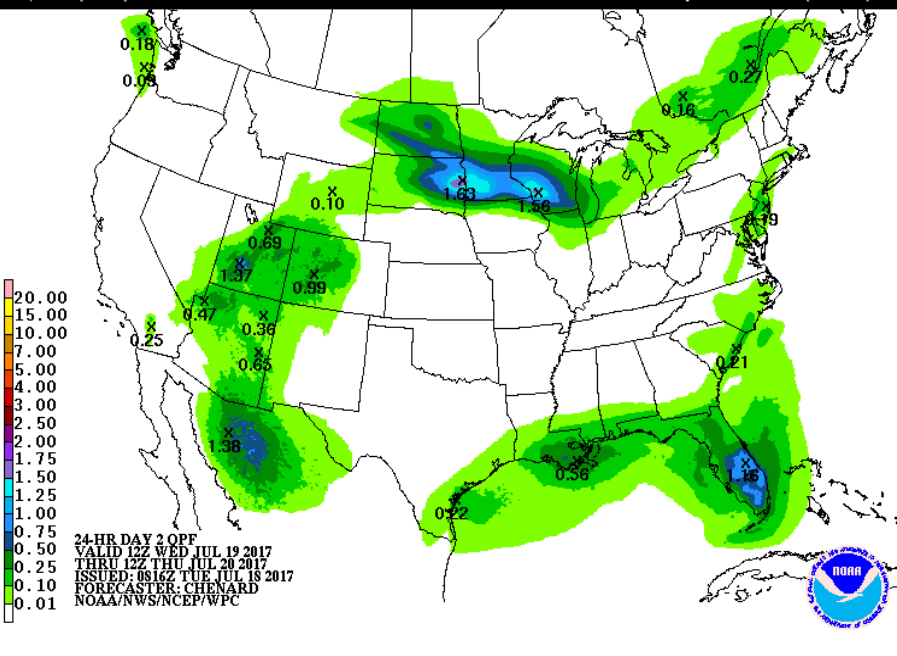
Tomorrow's Weather



Day 2 National Forecast Chart

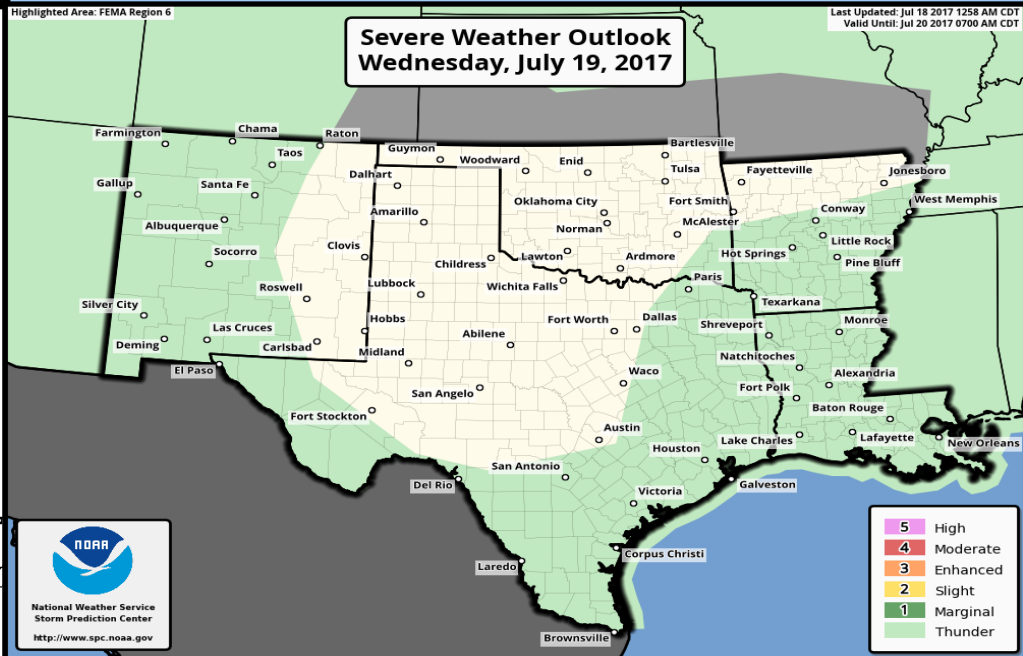
Valid Wed, Jul 19, 2017, issued 4:49 AM EDT Tue, Jul 18, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 QPF
 VALID 12Z WED JUL 19 2017
 THRU 12Z THU JUL 20 2017
 ISSUED: 0816Z TUE JUL 18 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC

Marginal risk for isolated flooding in W NM

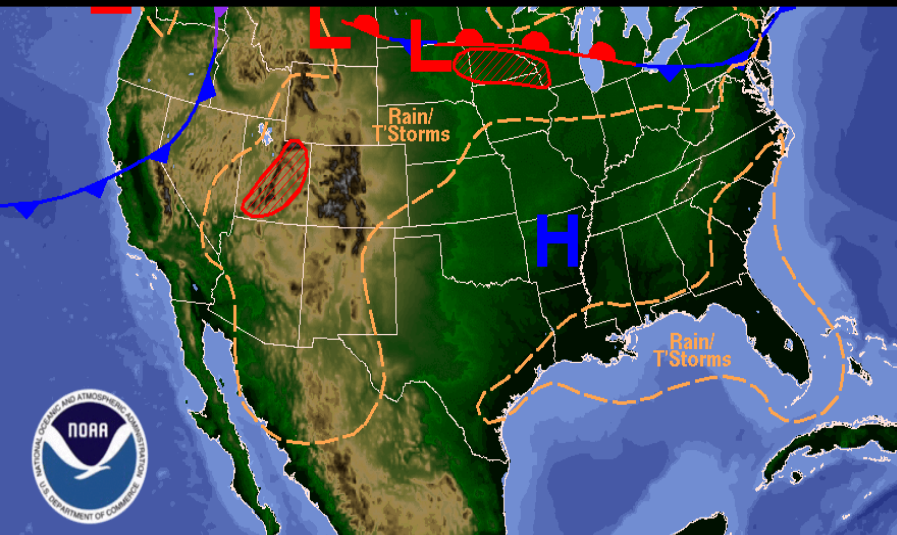


Severe Weather Outlook
 Wednesday, July 19, 2017

Last Updated: Jul 18 2017 12:58 AM CDT
 Valid Until: Jul 20 2017 07:00 AM CDT



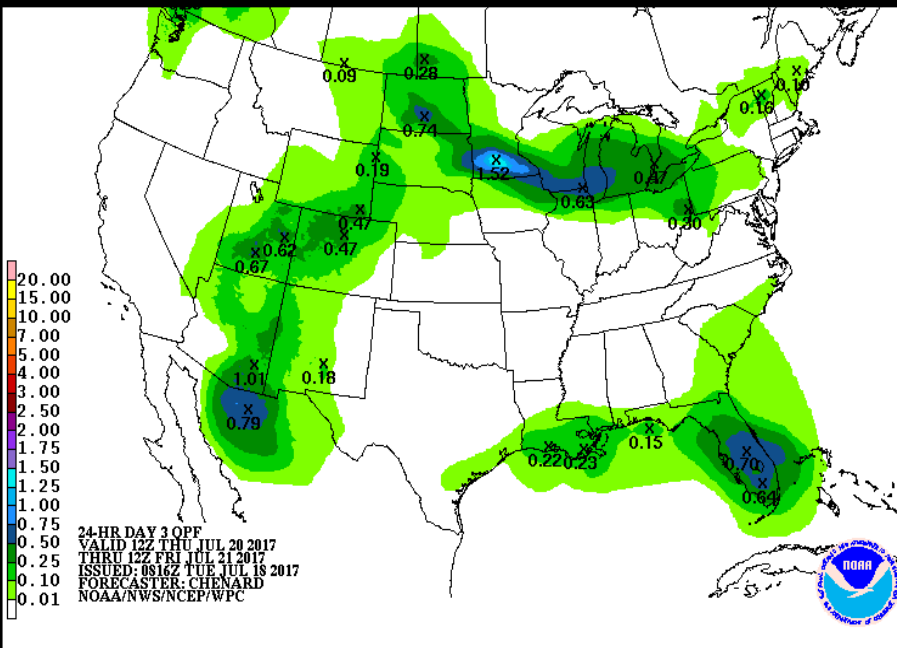
Thursday's Weather



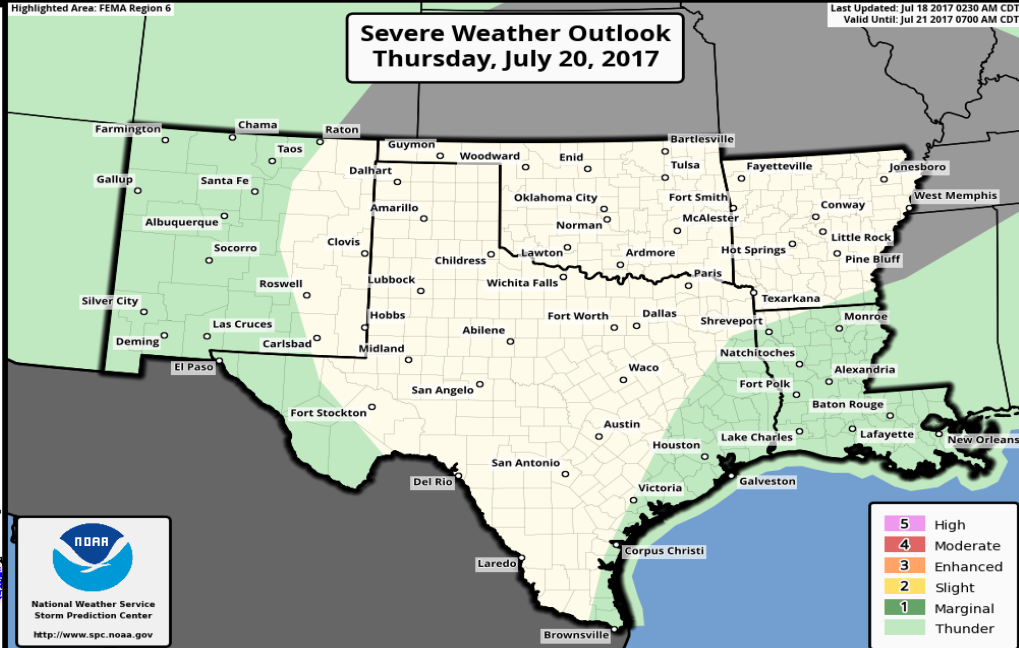
Day 3 National Forecast Chart

Valid Thu, Jul 20, 2017, issued 4:51 AM EDT Tue, Jul 18, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



Marginal risk for isolated flooding in W NM

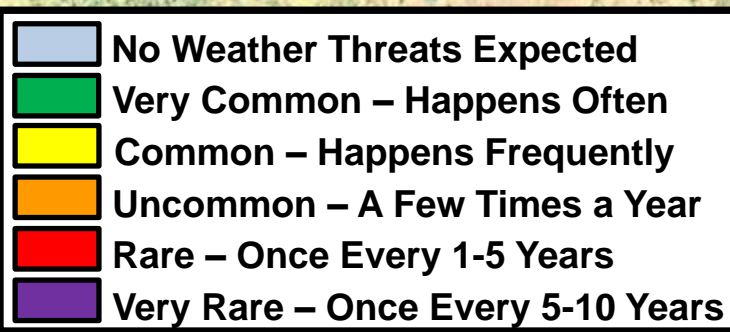


Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



No significant weather impacts expected.

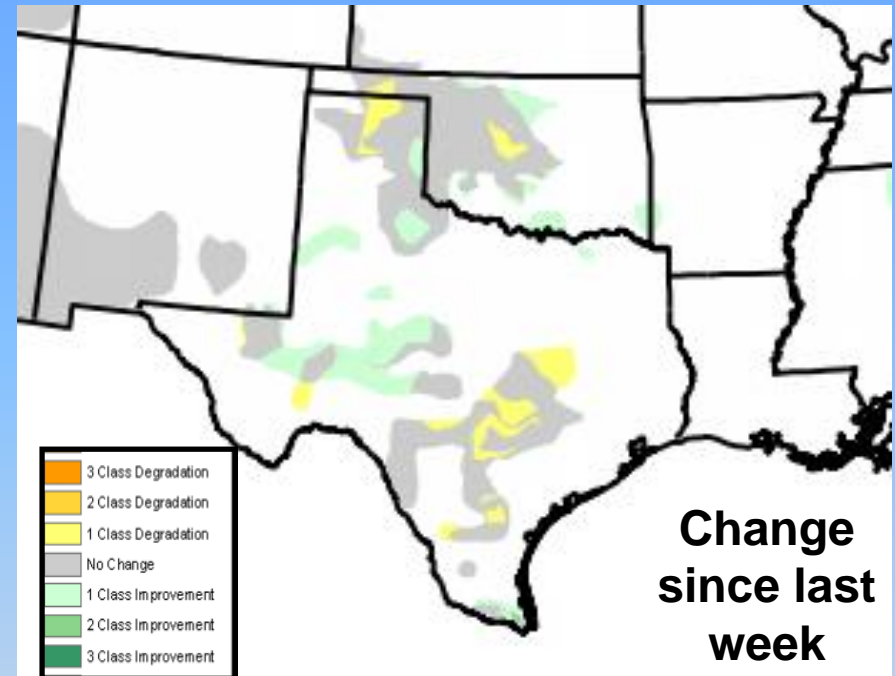
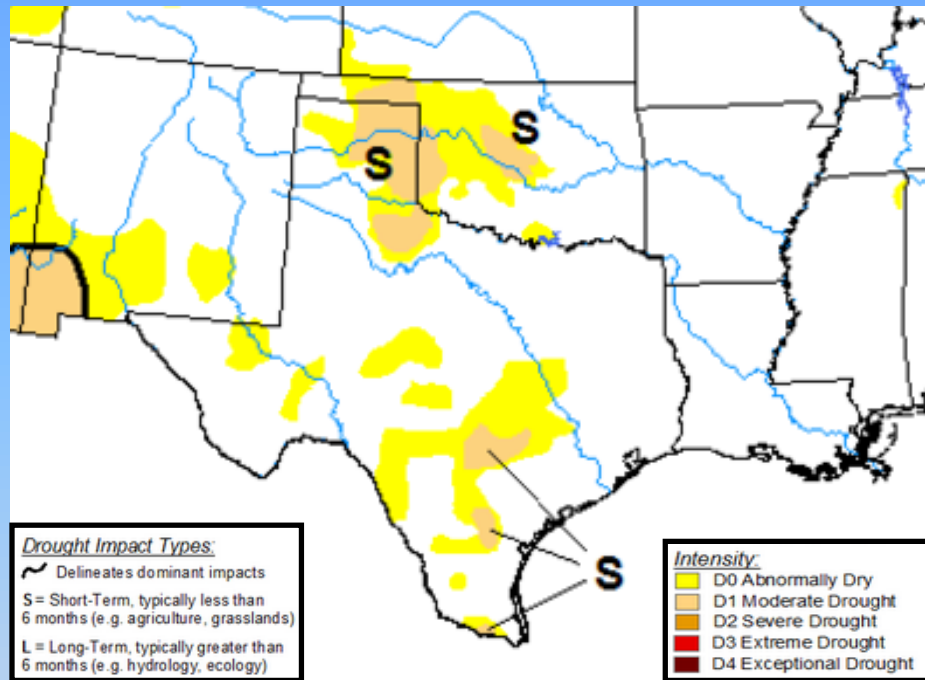


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released July 13, 2017

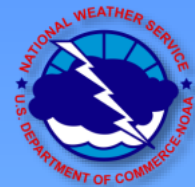
Data valid as of 7am CST, Tuesday, July 11, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

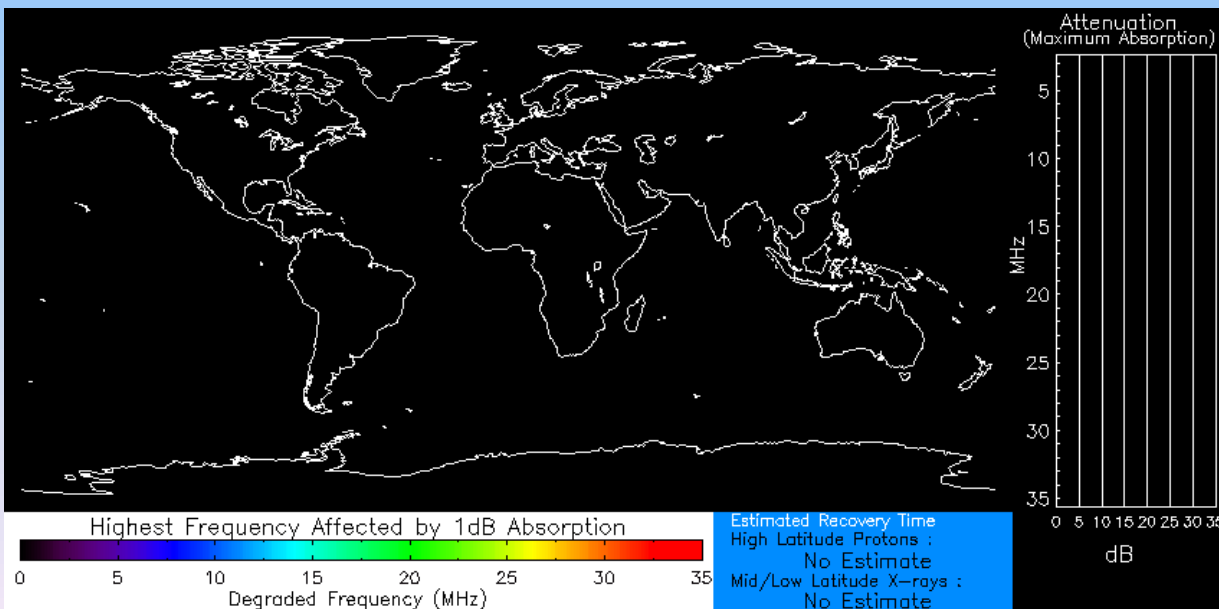
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Unsettled (Max Kp =)
Solar Radiation Storm (S1-S5)	20%	5%	%
Radio Blackout (R1-R2)	20%	5%	%
Radio Blackout (R3-R5)	5%	1%	%



Normal X-ray Background
Product Valid At : 2017-07-18 11:23 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

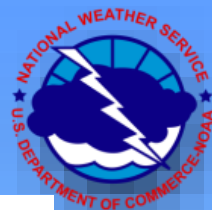
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms